

10007055-1

Amendment

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 – 20. Cancelled.

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Amendment

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21. (New): A method for producing a reproduction of a sepia-tone image, the sepia-tone image having original sepia-tones which have degraded due to aging, the method comprising:

scanning said sepia-tone image with visible light and infrared light;  
using data associated with visible light reflected from the image and data associated with infrared light reflected from the image, creating adjusted data by:

transforming the data associated with visible light reflected from the image to a  $L^*a^*b^*$  color coordinate system, where 'L' = luminance value, 'a' = red-yellow value, and 'b' = green-blue value;

calculating a benchmark 'a' value and a benchmark 'b' value for the image from the transformed data associated with visible light reflected from the image, while excluding from the calculation data having either:

an 'L' value less than a benchmark 'L' value, or  
a negative 'b' value;

replacing 'a' values in the transformed data with said benchmark 'a' value;

replacing 'b' values in the transformed data with said benchmark 'b' value;

replacing the 'L' values of the data with data associated with infrared light reflected from the image;

converting the adjusted data to a color coordinate system of an output device; and

outputting the converted data to the output device.

22. (New): The method of Claim 21, wherein calculating a benchmark 'a' value comprises calculating a median 'a' value of the data not excluded from the calculation, and calculating a benchmark 'b' value comprises calculating a median 'b' value of the data not excluded from the calculation.